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(57) Abstract

The present invention relates to a support system for solid phase synthesis of oligomers, such as oligonucleotides, wherein the starting compound is bound to the support via a disiloxyl linkage. Furthermore, the invention relates to a method for synthesis of oligonucleotides on a solid support. The support system comprises a stable disiloxyl linkage providing high nucleoside loadings to the support and the method allows convenient non-laborious oligomer synthesis.